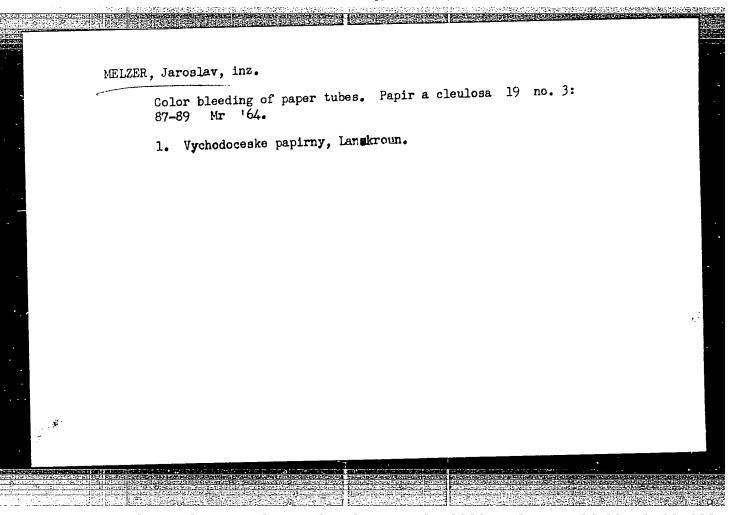
MELZER, J.

Psychological tests on Czechoslovak railroads. p. 174 ZELEZNICAR. Praha, Czechoslovakia. No. 7, July 1959

Monthly List of East European Accessions (EEAI), IC. Vol. 8, No. 9, September 1959 Uncl.



MELZER, Jiri, FhDr.; NEMECEK, Jan, inz.; ROKOS, Ludek, MUDr.

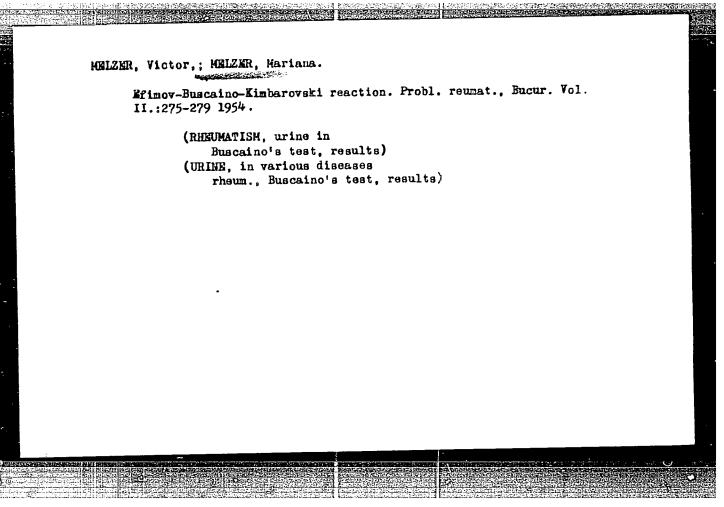
Equipment at the engineer's cabin with regard to hygiene and comfortableness. Zelez dop tech 10 no.12:360-361'62.

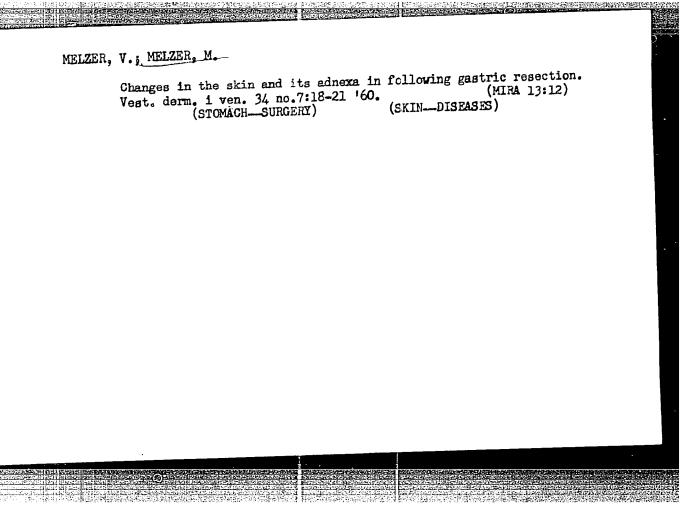
MELZER. L.

Sectional floating pumping stations. p. 17

CZECHOSLOVAK HEAVY INDUSTRY. (Ceskoslovenska obchodni komora) Prague, Czechoslovakia. No. 5, 1959

Monthly List of Past European Accessions (EEAI), LC, Vol. 8, No. 7, July 1959 Uncl.





MELZER, O.

Czechoslovakia Chemical Technology. Chemical Products H-5

and Their Application

Water treatment. Sewage water.

Abs Jour: Referat Zhur ~ Khimiya, No 1, 1958, 1671

Author : Melzer O.

Title : Nomograph for Tentative Determination of Water

Stability

Orig Pub: Voda, 1957, 36, No 2, 36

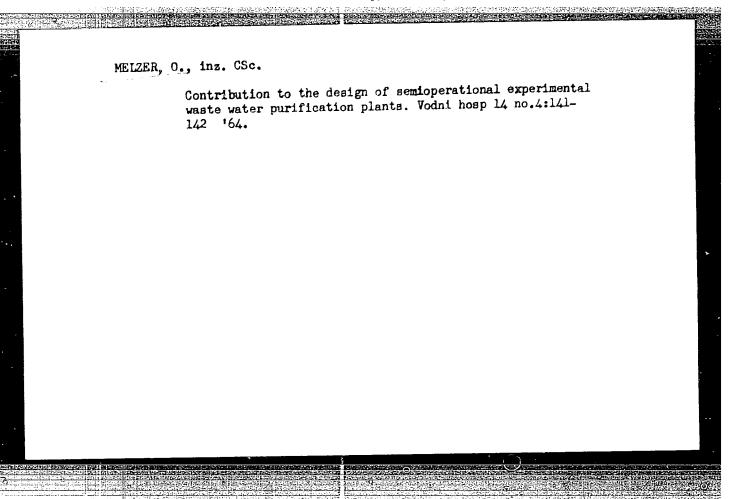
Abstract: No abstract.

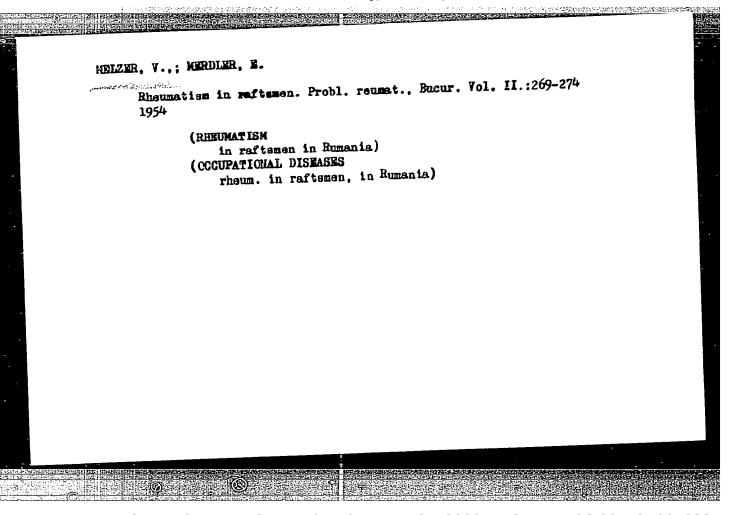
Card 1/1

MEIZER, O.

Estimating the carbonate effect of water. c. 51. (Voda, Vol. 36, No. 2, Feb 1057, Praha, Czechoslovakia)

SG: Monthly List of East European Accessions (SEAL) LC, Vol. 6, No. 0, Aug 1951. Uncl.





MEIZER, Victor.; MEIZER, Mariana.

Efimov-Buscaino-Kimbarovski reaction. Probl. reumat., Bucur. Vol. II.:275-279 1954.

(RHEUMATISM, urine in
Buscaino's test, results)
(URINE, in various diseases
rheum., Buscaino's test, results)

The clinical aspect of edematous forms of the deficiency syndrome in the gastrectomized. Med.int., Bucur. 8 no.6:836-840 Oct 56.

- 1. Lucrare efectuata in Clinica a II-2 medicala, director prof.
- S. Iagnov, membru corespondent al Academiei R.P.R.
 (GASTRECTOMY, complications
 defic. synd., edematous forms, case reports)

MELCER V.

Rumania/Pharmacologh, Toxicology, Hormones.

8-₹

Abs Jour : Ref Zhur-Biol., No 6, 1958, 28202.

Author : Melzer V., Farchi A., Botescu Ileonora.

: Not given.

Title : Intravenous Administration of Adranocorticotro-

pic Hormone.

Orig Pub : Viata med., 1957, 4, No 4, 72-75.

Abstract : No abstract.

Card 1/1

lnst

MICU, D.; SIMIONOVICI, B.; FISCHER, P.S.; MELZER.

Hematological investigations in cardiac insufficiency. Probl. ter.,
Bucur. no.?:41-61 1957.

(COMPOSITIVE HEART FAILURE, nathology
bone marrow hypoplasia, hypocythemia, erythropoietic
hypofunct. & other hematol. disord.)

(ROIE MARROW, in various dis.
hypoplasia in congestive heart failure)

(HEMOPOISSIS
disord. in congestive heart failure)

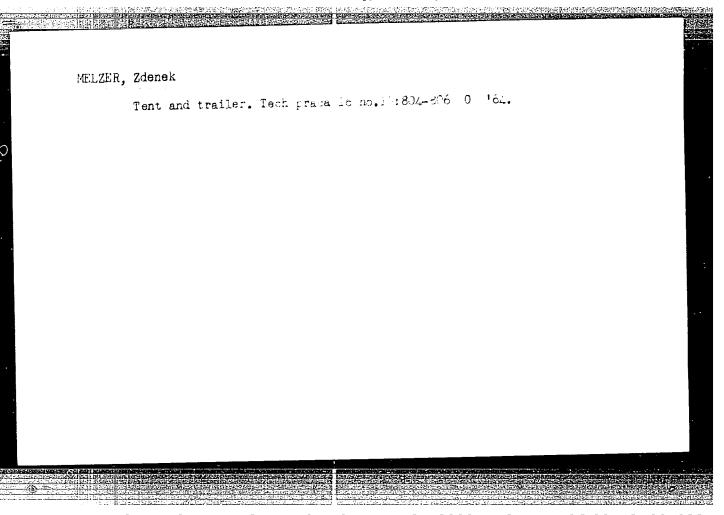
MEIZER, Victor The clinical picture of protein deficiency, Med. int., Fucur. 9 no.11: 1671-1682 Nov 57. 1. Lucrare facuta in Clinica a II-a medicala I.M.F. a Spitalului "I.G. Frimu". (PROTSINS, deficiency classif., clin. aspects & diag.)

MELZER, V.; MELZER, M.

Changes in the skin and its adnexa in following gastric resection.

Vest. derm. 1 ven. 34 no.7:18-21 '60. (MIRA 13:12)

(STOMACH—SURGERY) (SKIN—DISEASES)



USSR / Pharmacology. Toxicology. Local Anesthetics.

: Ref. Zhur - Biologiya, No. 3, 1959, 13808 Abs Jour

Author

Inst Title : Melzobs, M. Ya. : Riga Medical Institute : Pharmacologic Characterization of Some Complex Esters of Diethylaminethanols and Aromatic Acids.

Orig Pub

: Sb. nauchn. rabot Rizhsk. med. in-t, 1956, vyp.

5, 5-22

Abstract

: A quantitative comparative study was conducted of the anesthetic, cholinolytic, antihistaminic and myotropic spasmolytic action of novocaine, spasmolytine, E-22 (diethylaminoethyl ester of diphenylglucocolic acid), E-96 (diethylaminoe-thyl ester of 2,3-diphenyl-succinic acid) and E-78

-C-0-CH2-CH2-N C2 H5

Card 1/3

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

USSR / Pharmacology. Toxicology. Local Anesthetics.

: Ref. Zhur - Biologiya, No. 3, 1959, 13808 Abs Jour

> According to various types of pharmacologic action, the studied preparations are placed in the following sequence (according to decreasing activity): surface anesthesia: E-22, E-96, spasmolyt in, novocaine, E-78; conduction anesthesia; E-22, spasmolytin, E-96, novocaine, E-78; Hcholinolytic action: spasmolytin, E-96, E-22, novocain, E-78; K-cholinolytic action: E-22, spasmolytin, E-96, novocaine, E-78; antihistaminic action: E-22, spasmolytin, E-78, novocain, E-96; myotropic spasmolytic action: E-22, spasmolytin, E-96, novocain, E-78; toxicity: E-22, E-96, novocain, spasmolytin, E-78.

It is felt that the anesthetic activity of

MELZOBS, M. Ya. Cand Med Sci -- (diss) "Pharmcological description of certain complex ethers of diethylaminoethanols and aromatic acids." Riga, 1957. 19 pp 21 cm. (Min of Health Latvian USSR. Riga Med Inst), 250 copies. (KL, 15-57, 107)

-44-

VITOLIN', M. [Vitolins, M.]; MELZOBS, M.

Mechanism of the sensibilizing influence of ganglion blocks on the effect of noradrenaline and adrenaline. Vestis Latv ak no.7:97-101 161.

(NERVOUS SYSTEM, SYMPATHETIC) (NORADRENALINE) (ADRENALINE)

ANSHELEVICH, Yu. [Anselevics, J.]; AMELIW, A. [Amelins, A.]; MELZOBS, M.

[Melzobs, M.]

Induction of wecroses in the myocardium of rabbits by isadrine
(isopropylroradrenaline) [with summary in English].

Vestis Latv ak no.12:91-94, 461.

MELZOBS, M.Ya.; SHUSTER, Ya.; KIMENIS, A.A. Simple apparatus for artificial respiration for laboratory animals.

Biul. eksp. biol. i med. 52 no.8:124-125 Ag '61. 1. Iz kafedry farmakologii (zav. - chlen-korrespondent AMN SSSR prof. M.L.Belen'kiy) Rizhskogo meditsinskogo instituta. Predstavlena deystvitel'nym chlenom AMN SSSR S.V.Anichkovym.

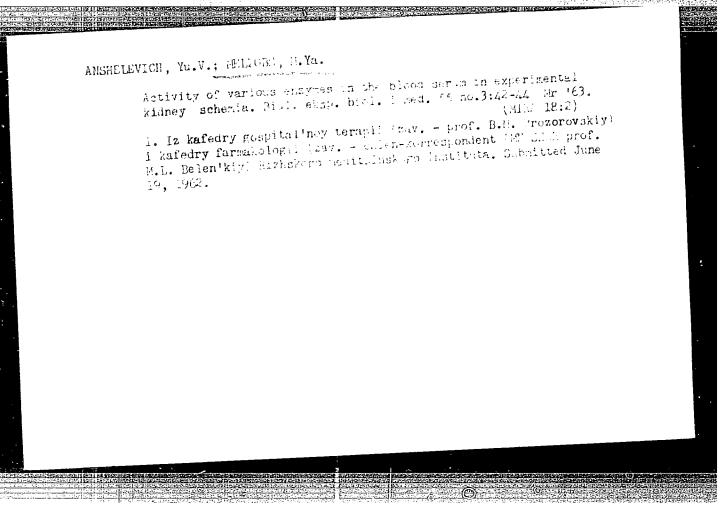
(ARTIFICIAL RESPIRATION_EQUIPMENT AND SUPPLIES)

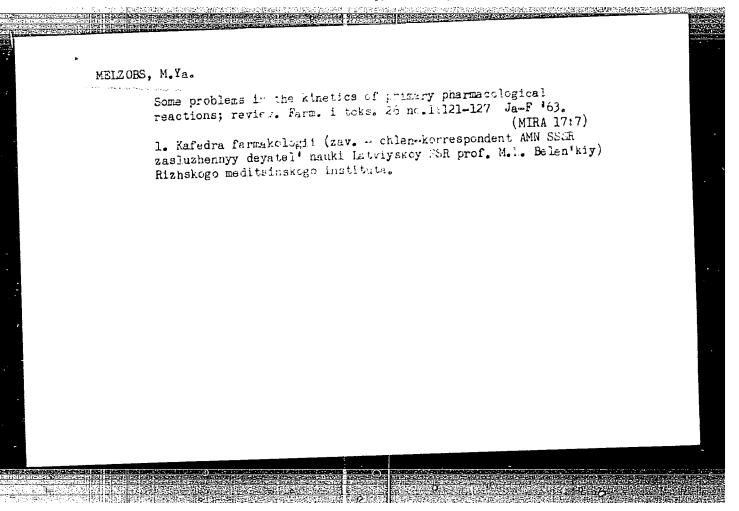
AMELIN, A.Z.; ANSHELEVICH, Yu.V.; MELZORS, M.Ya. (Riga)

Experimental infarct-like changes in the myocardium under the

influence of isadrine (isopropylnoradrenaline). Arkh. pat. no.1:25-29 '63. (M RA 17:10)

1. Iz patologoanatomicheskoy laboratorii (zav.— doktor meditsinskikh nauk A.Z. Amelin) Rizhskogo instituta travmatologii i ortopedii (dir.-kand. med. nauk V.K. Kalnberz [Kalnberzs, V.] i Rizhskogo meditsinskogo instituta (dir.- prof. V.A. Kal'borg).

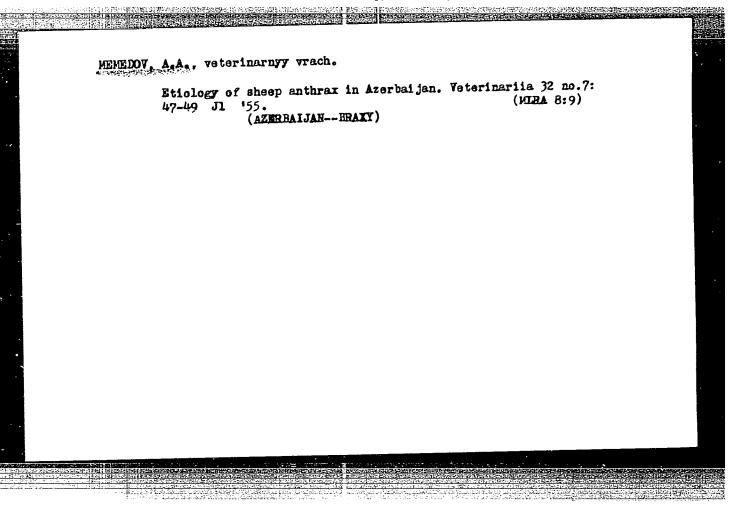




EELYAYEVA, N.N.; DEMYANOVSKIY, S.Ya.; MEMIDNIYAZOV, O.H.; TUGUSHEVA, Kh.N.

Chemical composition of leaves of the khasak mulberry from Bairan-Ali District of the Turkmen S.S.R. Izv. AH Turk. SSR no.5:46-51 158. (MIRA 11:12)

1. Prezidium AN Turkmenskoy SSR i Moškovskiy gosudarstvennyy pedagogicheskiy institut im. V.I. Ienina. (Bairam-Ali District--Mulberry)



AGABEKOY, M.G.; MEMEDOY, A.V.

New data on recent tectonic movements in western Azerbaijan and eastern Georgia. Izv. AN SSSR. Ser. geol. 26 no.5:88-92 My '61.

(MIRA 14:5)

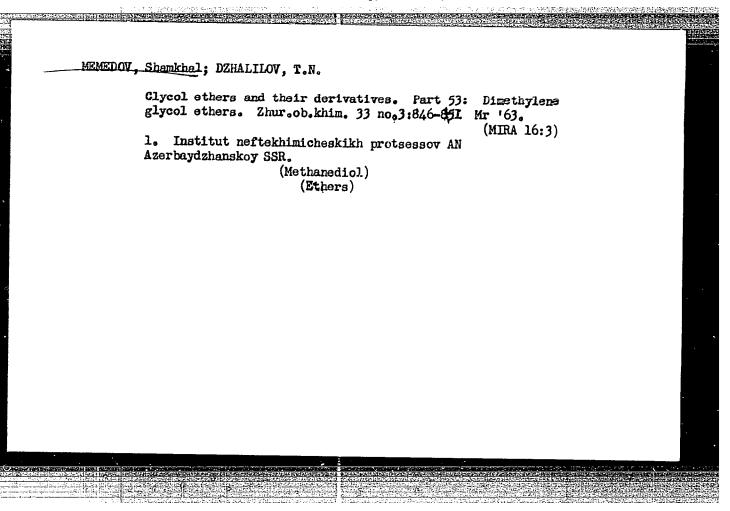
1. Institut geologii AN AzerbSSR, Baku.

(Azerbaijan—Geology, Structural)

(Georgia—Geology, Structural)

AGAMALIYEVA, N.Sh.; MAMEDOV, G.A.

Hydrochemical characteristics of the formation waters of the Buzovny-Nashtagi field. Azerb. neft. khoz. 40 no.4:6-8 Ap *61. (MIRA 15:7) (Apsheron Peninsula—Oil field brines—Analysis)



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KULIYEV, A.M.; MEMEDOVA, R.K.; SADYKHOV, K.I.

Interaction of phosphorus pentasulfide with unsaturated hydrocarbons. Azerb. khim. znur. no.1:17-21 '64.

MIRA 17:5)

MEMELIGE, XENIA

Rumania/Physical Chemistry - Electrochemistry, B-12

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 61189

Author: Memelia, Xenia

Institution: None

Title: Polarographic Investigation of Surface Activity of Some Quaternary

Original

Periodical: Cercetarea polarografica a activitatii interfaciale a unor sar cuaternare de amoniu., Comun. Acad. R. P. R., 1955, 5, No 11, 1583-1591; Rumanian; French and Russian resumés

Abstract: Studied was the surface activity (SA) of hydrochlorides of N-cetyl pyridine (I), 3-carboxy-N-cetyl pyridine (II), 3-amido-N-cetyl pyridine (III), N-octyl pyridine (IV), 3-carboxy-N-octyl pyridine (V), and 3-amido-N-octyl pyridine (VI), on the basis of their effects on polarographic maximum of 02 reduction wave. I-III similar SA depressing the O2 maximum by 50% at almost identical concentrations. IV-VI show different SA. In the opinion of the

Card 1/2

Rumania/Physical Chemistry - Electrochemistry, B-12

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 61189

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Abstract: author the cetyl radical, in contrast with the octyl radical,

practically paralyzes the effect of the groups -- COOH and

CONH2 -- on the SA of corresponding compounds.

Card 2/2

EMT(m)/EPF(c)/T/EWP(t)/EWP(b)/EWA(m)-2 IJP(c) JD L 27870-66 ACCESSION NR: AP5021097 UR/0056/65/049/002/0389/0399 AUTHOR: Kukavadze, G. M.; Memelova, L. Ya.; Suvorov, L. Ya. Search for anomalous hydrogen Zhurnal eksperimental noy i teoreticheskoy fiziki, v. 49, no. 2, 1965. SOURCE: 389-392 TOPIC TAGS: hydrogen, deuterium, isotope, mass spectrometry/ MI 1311-04 ARSTRACT: An attempt was made to detect with the aid of a mass spectrometer elementary particles of mass greater than that of the proton. The MI 1311-04 mass spectrometer was subjected for this purpose to additional tests, to ascertain its maximum sensitivity and best resolution. By using an electron multiplier as both ion collector and first amplification stage, ion currents as low as 10^{-18} amp could be measured. In a vacuum of 2 x 10^{-7} mm Hg and at a background current of 2×10^{-18} amp, the resolution of the mass spectrometer at 5% mass-spectrum line intensity was found to be 500. After establishing the exact characteristics of the instrument, the authors undertook a search for anomalous stable hydrogen in atmospheric air, hydrogen, and deuterium. The results have established that if the mass of the wild hydrogen is larger than the mass of deuterium, then its concentration in the earth's atmosphere can be less than 1.5 x 10-12, and 1f the mass Card 1/2 0901 1078

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ACCESSION NR: AP5021097

of the wild hydrogen lies between that of ordinary hydrogen and deuterium, its maximum concentration should range from 1 x 10⁻⁸ to 1.5 x 10⁻¹². The lines corresponding to mass-5 in concentrated water, which might be ascribed to anomalous hydrogen, are shown to be due to HD2 ions. It is recommended that earlier mass spectrograms be reviewed to search for lines which at that time were not identified with definite masses. "The authors thank L. B. Okun' for providing the initiative for this work, B. V. Ershler, B. Z. Torlin, and R. L. Serdyuk for useful discussions, and A. A. Belonozhenko for help with the measurements." Orig. art. has:

ASSOCIATION: Institut teoreticheskoy i eksperimental noy fiziki (Institute of Theoretical and Experimental Physics)

SUBMITTED: 01Mar65

ENCL: 00

SUB CODE: NP. GP

NR REF SOV: 002

OTHER: 002

Card 2/2 10

MEMELOV. V. L .

538.221 : 621.318.22

7149. Relations between the magnetic characteristics of macroheterogeneous magnetically-hard systems. ALTMAN. A. B., KAZARNOVSKII. L. Sh., AND MEMELOV.

V.-L. J. Tech. Phys., USSR, 19, 560-6 (May, 1949) In Russian.—The investigation was connected with the Fe-Ni-Al alloy permanent magnets produced by powder metallurgy. Systems of this kind, consisting of (1) a magnetically hard and a non-magnetic phase, (2) a hard and soft phase, (3) two different hard phases, were investigated. Remanent flux density Br and coercive force Hc were measured as functions of the phase composition (quantity ratio of phases). It was found that the increase of the concentration of the non-magnetic phase, while reducing the remanent-magnetism, does not alter the coercive force, whereas in the hardsoft mixed system the increase of the soft phase reduces both Br and Hc. A direct proportionality between phase-relation and Br was found to exist in the mixture of 2 hard materials; the coercive force decreases with the increasing content of the phase of lower Hc, but does not follow a linear law. B. F. K

78 1142

67285

SOV/180-59-4-17/48

AUTHORS:

Gladyshev, P.A. and Memelov, V.L.

(Moscow)

TITLE:

Production and Properties of Cermet Iron-Nickel-Aluminium

Magnets

PERIODICAL: Izvestiya Akademii nauk SSSR, Otdeleniye tekhnicheskikh

nauk, Metallurgiya i toplivo, 1959, Nr 4, pp 106-110 (USSR)

ABSTRACT:

The authors survey briefly the advantages and disadvantages of powder metallurgyldrelative to casting for making ironnickel-aluminium magnets. They give a brief account of the mixing of the powder components, their properties, pressing and sintering (including the use of various protective atmospheres) and the heat treatment of the

magnets. Fig 1 shows microstructures of alnico-alloy cermet and cast magnets; the greater porosity of the former being evident. Electron-microscopic and X-ray investigations were carried out with the participation of F.B. Nikishova and A.A.Katsnel'son. The electron-microscopic work showed the similarity of cermet and cast magnet structures and the effect of 2 hours tempering at 850°C on the grain size of the precipitating phase (Fig 2 shows structures before and after the tempering). No difficulties in preparing oxide replicas of the surfaces were encountered. X-ray analysis

Card 1/3

APPROVED FOR RELEASE: Wednesday, June 21, 2000

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67285

SOV/180-59-4-17/48 Production and Properties of Cermet Iron-Nickel-Aluminium Magnets

(with powder having particle diameters under 0.15 mm) showed that the cermet and cast magnets have the same compositions and lattice parameters. Fig 3 gives powder diagrams for the two types and for a mixture of the initial powders. Increasing titanium content to 1% in the cermet magnet caused an increase in the lattice constants; with 5% Ti, lines of two cubic body-centred phases appear. Similar changes were observed on specimens after thermo-magnetic treatment but the diffuse nature of the lines prevented exact determination of the changes. Tests at NIIEP showed that cermet magnets are as stable as cast ones. Fig 4 gives demagnetization and magneticenergy curves for various cermet-alloy magnets; compared with cast magnets their coercive force is equal and their residual magnetic-energy induction is 10 to 20% less. The authors state that supply of cermet magnets is not keeping pace with demand and suggest that they are best used on the mass-production scale in electrical instruments and small machines and also in the construction of new instruments: cermet magnets are particularly advantageous for small magnets of complicated shape. Their comparative

Card 2/3

67285 SOV/180-59-4-17/48

Production and Properties of Cermet Iron-Nickel-Aluminium Magnets

high-strength enables them to be used for rotors with speeds of revolution up to 15000 to 20000 rpm. There are 5 figures, 1 table and 8 references. 5 of which are Soviet, 2 English and 1 German.

SUBMITTED: April 1, 1959

Card 3/3

88490

18,6100

S/110/60/000/009/001/008 E021/E455

AUTHORS:

Al'tman, A.B., Candidate of Technical Sciences, Memelov, V.L., Engineer and Karpova, V.P., Engineer

TITLE

Study of Commutator Bars and Slip Rings Made From

Powders

PERIODICAL: Vestnik elektropromyshlennosti, 1960, No.9, pp.1-5

Copper commutator bars and slip rings were made by pressing from the powder, sintering in a protective atmosphere and pressing in a die to give increased strength and more accurate dimensions. Copper-iron alloys and copper-iron bimetals were also made in this way. In its specific electrical resistance, strength and coefficient of linear expansion, copper made by this method was practically the same as that made by the usual rolling process Table 1 shows the comparison. The rolled copper was somewhat harder (at 20°C). The properties of cermet copper-iron alloy changed in an additive way with increase in iron content, density increased and the specific resistance and hardness

Card 1/2

88490

S/110/60/000/009/001/008 E021/E455

Study of Commutator Bars and Slip Rings Made From Powders

The tensile strength was practically independent of The coefficient of linear expansion of copper-iron decreased bimetals was similar to that of steel, a fact which offers constructional advantages, With increase in temperature, the tensile strength and hardness of metallurgical copper, and of cermets of copper and copper-50% iron alloys all decreased, decrease was observed in metallurgical copper, Microstructures of cermet copper, copper-50% iron and copper-iron bimetals are shown The cermet copper-iron consists of a mixture of copper and iron In the bimetal, the good bond between the iron and Commutator bars made by powder metallurgy particles copper can be seen. After 50000 cycles, the brush were tested in starter motors wear was 3 to 4.5~mm, the wear on the copper and the copper-iron bars was 0.1 mm, compared with 0.5 mm for normal copper Copperfrom bimetals also gave good results There are 2 figures and 3 tables

SUBMITTED March 5 1960 (ard 2/2)

Investigating the sintering of Ca-Sn-C ceramic metal alloys.

Forosh.met. 1 no.6144-54 N-D '61. (MIRA 25:15)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut elektromekhaniki.

(Ceramic metals)

11600.

A052/A101

AUTHORS:

Al'tman, A. B., Memelov, V. L

TITLE:

Investigation of the sintering process of Cu-Sn-C powdered-metal

PERIODICAL:

Referativnyy zhurnal, Metallurgiya, no. 7, 1962, 47, abstract 76329

("Poroshk. metallurgiya", no. 6, 44 - 54; English summary)

TEXT: The change of properties (density ho , hardness \S_6) was studied in the process of sintering the 90% Cu - 9% Sn - 1% C alloy whose initial components were taken both in the form of Cu-Sn and Cu-Sn-C alloys and in the form of Cu, Sn and C powders. Also the results are given of dilatometric, mictrodurometric and microscopic analyses which helped to establish the laws of homogenization, formation and disappearance of liquid phase. The pest properties were found with the samples

R. Andriyevskiy

[Abstracter's note: Complete translation]

Card 1/1

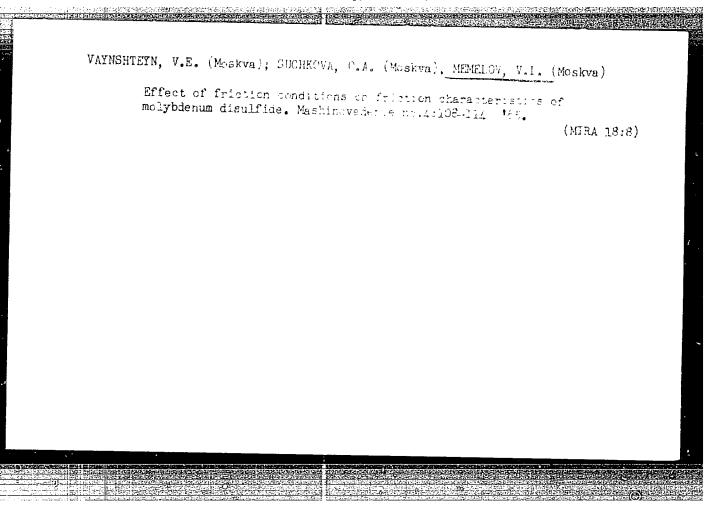
BORISOVA, M.I., nauchnyy sotrudnik; VLADIMIROV, B.M., nauchnyy sotrudnik; AL'TMAN, A.B.; VALAKINA, V.M.; MEMELOV, V.L.

Self-lubricating ceramic metal rollers made with graphitic iron. Tekst.prom.22 no.3:80-82 Mr '62. (MIRA 15:3)

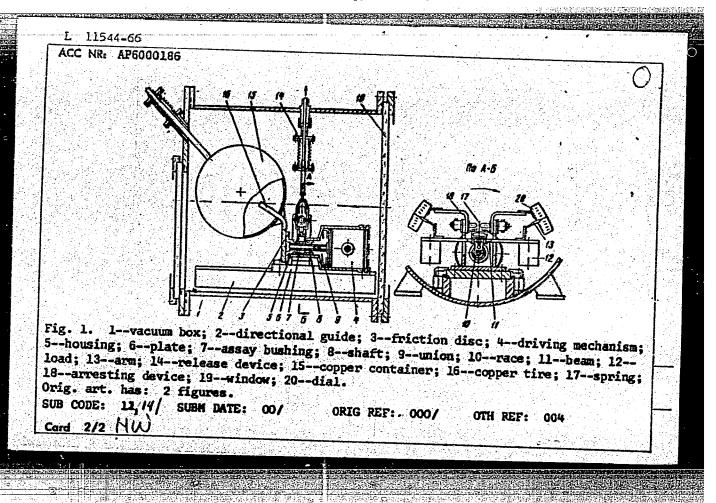
1. TSentral'nyy nauchno-issledovatel'skiy institut khlopchatobumazhnoy promyshlennosti (TsNIKhBI) (for Borisova, Vladimirov).

2. Vsesoyuznyy nauchno-issledovatel'skiy institut elektromekhaniki
(VNIIEM) (for Al'tman, Valakina, Memelov).

(Spinning machinery)



	elov, V. L.; Kh	asin, L. A.; KI	asin, E. I.	R/0032/65/031/012/1	
ORG: All-Ur	ion Scientific edovatel'skiy i	Dagan-L -	44	echanics (Vsesoyuzn	58 W B
	d file and the second of the 🗚		als under vacuu		
Source: Zav	odskaya laborato	riya, v. 31, n	0. 12, 1965, 152	8_1520	
TOPIC TAGS: cal property	friction coeffi , physics labor	cient, friction atomy instrum	n, solid mechanionent, vacuum	s, abrasive, solid	
riction unde	P Vacuum (1077		ped for continuous samples of abras and other media. determined from	ive materials during the friction coef	ction g their ficient
here <i>L</i> is a		f=LP/P·r		e calibration load,	P is



L 37747-66 EWP(e)/EWT(m)/EWP(t)/ETI IJP(c) JD/WH

ACC NR. AP6017102 (N) SOURCE CODE: UR/0226/66/000/001/001/0015.

AUTHORS: Al'tman, A. B.; Valakina, V. M.; Karpova, V. P.; Kemelov, V. L.;

ORG: All-Union Scientific Research Institute of Electromechanics (Vsesoyuznyy nauchno-issledovatel'skiy institut elektromekhaniki)

TITLE: Dependence between total and surface porosity of sintered materials Cu--Sn--C

SOURCE: Poroshkovaya metallurgiya, no. 1, 1966, 41-45

TOPIC TAGS: copper, tin, carbon, graphite, powder metal compaction, powder metal sintering, POROSITY, SINTERED ALLOY

ABSTRACT: The effect of sintering temperature and pressure on the ratio of total (P_T) to surface porosity (P_0) of bronzographite (90% Cu, 9% Sn, 1% C) was investigated. The total porosity was determined by means of the formula

 $Pt = \frac{\gamma_0 - \gamma_1}{\gamma_0} \cdot 100,$

where P_T is the total porosity and S_0 and S_1 are the densities of nonporous and porous bronzographite respectively. The surface porosity was estimated from oil absorption data according to the formula

Card 1/2

 $M = \frac{G_3 - G_1}{\gamma_{_{\rm H}} V} \cdot 100,$

APPROVED FOR RELEASE: Wednesday, June 21, 2000

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L 37747-66

ACC NR: AP6017102

where M is the oil absorption, G₂ and G₁ are the weights of the specimen before and after oil treatment respectively, M is the density of the oil, and V is the volume of specimen. The experimental results are presented graphically (see Fig. 1). It

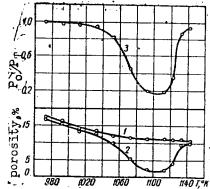


Fig. 1. Dependence of total (1) and surface (2) porosity, and the ratio of surface to total porosity (P_O/P_T) of bronzographite specimen compressed from powdered Cu, alloy Cu—Sn, and C, on the sintering temperature. Sintering pressure 40 k newtons/cm², initial total porosity 1%.

was found that the sintering temperature and pressure affect the total and surface porosity differently. The ratio of surface to total porosity when expressed as a function of the temperature exhibits a minimum, the position of which is shifted to lower temperatures with increase in the specific sintering pressure. Orig. art. has: 2 equations and 4 figures.

SUB CODE: 11/

SUBM DATE: none/

ORIG REF: 007

s/0089/64/016/005/0423/0426 ACCESSION NR: AP4036526 AUTHOR: Memelova, L. Ya.; Kukavadze, G. M.; Ershler, B. V. TITIE: Mass spectrometric determination of very small amounts of boron in certain materials SOURCE: Atomnaya energiya, v. 16, no. 5, 1964, 423-426 TOPIC TAGS: boron determination, boron mass spectrometry, isotopic dilution method, analytical chemistry, boron, mass spectrometry ABSTRACT: The method of isotopic dilution suggested by G. Morrison and R. Rupp (Analyt. Chem. 6, (1957), 892) was used for the determination of small amounts of boron of the order of 10-7 gm in glass, quartz, and silicon. The sample was dissolved (or fused) in sodium hydroxide, internal standard was added which con-sisted of a known amount of an almost pure boron isotope (e.i. B¹⁰), borax was then separated electrolitically, and placed on the filement of the mass spectrometer. The purpose of the pure isotope addition is to render harmless the boron losses during the chemical manipulations, as the determination depends only on the ratio of the spectrometric maxima of Na₂B¹⁰O₂ to Na₂B¹O₂ and the comparison with the Card

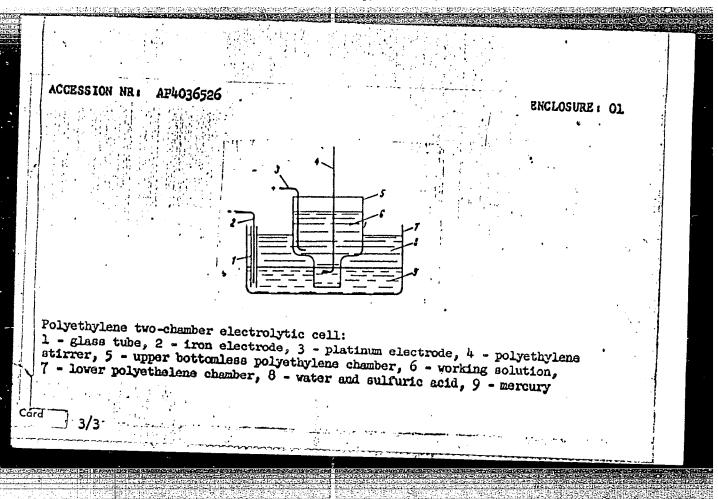
ACCESSION NR: AP4036526

naturally occurring isotopic ratio. Orig. art. has: 1 figure

ASSOCIATION: None

SURMITTED: 22Jul63 DATE ACQ: 03Jun64 ENCL: 01

SUB CODE: NF, 00 NO REF SOV: 003 OTHER: 002



KUKAVADZE, G.M.; MEMELOVA, L.Ya.; SUVCROV, L.Ya.

Search for anomalous hydrogen. Zhur. eksp. i tecr. fiz. 49 pc.2: 389-392 Ag '65. (MIRA 18:9)

1. Institut teoreticheskoy i eksperimental noy fiziki.

KIRSANOVA, M.K., kandidat tekhnicheskikh nauk; MEMELOVA, Sh.L., starshiy tekhnik.

Characteristics of the organization of production and planning in construction yards. Biul.stroi.tekh. 13 no.10:7-10 0 56.

(MLRA 10:1)

l. Nauchno-issledovatel'skiy institut Stroytekhniki Akademii stroitel'stva i arkhitektury ${\rm SSS}^{\rm R}$.

(Concrete slabs) (Precast concrete construction)

Monthly List of Russian Accessions, Library of Congress, July 1952. Unclassified.

DRAGUIESCU, C., prof.; MEMESSY, I.; ANTON, Rozalia; SIMONESCU, T.

Metallic complexes of the diacetic anthranilic acid. Note IV. Reaction of the complex Fe-ANDA with $\rm H_2O_2$. Studii chim Timisoara 9 no.1/2:57-66 Ja-Je *62.

1. Membru corespondent al Academiei R.P.R., membru al Comitetului de redactie si redactor responsabil, "Studii si cercetari, Stiinte chimice" - Timisoara - (for Dragulescu).

ZAKIROV, I.Z., dotsent; MEMETOVA, U.Z., ordinator

Data on oxyhemometry in normal and pathological pregnancy and labor. Med. zhur. Uzb. no. 2:3-6 f'6l. (MIRA 14:2)

1. Iz kafedry akusherstva i ginekologii (zav. - prof. G.I. Ioffe-Golubchik) Samarkandskogo gosudarstvennogo meditsinskogo instituta imeni I.P. Pavlova. (BLOOD—OXYGEN CONTENT) (PREGNANCY, COMPLICATIONS OF)

KOMM, P. S., inzh.; LAPUZIN, V. S., inzh.; MEMIROV, V. S., inzh.; FRIEMAN, A. Ye., inzh.; SHCHERBINA, S. A., inzh.

Dynamics of the control of a GTU-50-800 gas turbine system manufactured by the Kharkov Turbine Plant. Energomashinostroenie 8 no.12:1-7 D '62. (MIRA 16:1)

(Gas turbines)

RUMANIA/General Biology - Individual Development. Transplants and Coalescens

В

Abs Jour

: Ref Zhur Biol., No 6, 1959, 23634

Author

Memkes, B., Deleanu, M.I.

Inst

nst :

一个中国人工工程的最后的是"工程的工艺"的对象的是一种特别,这些证明的

Title : An Investigation of the Biology of Reterologous

Transplants (Embryona: Membraneous Hetero Transplants

on Bird Embryo).

Orig Pub

: Studii si cercetari stiint. Avad. RPR, Baza Timisoara

Ser. Stiinetemed., 1956, 3, No 3-4, 9-30

Abstract

: Embryonal tissues were utilized as scions and matrix, in particular covering melanoblasts. Aside from some humoral and nervous factors, the absence of nerve end-

ings influenced the melanogenesis.

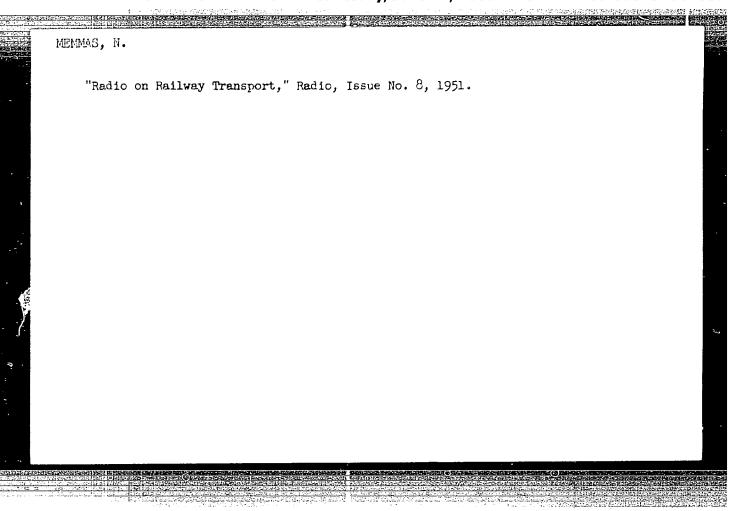
Card 1/1

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R00103

First find of large foraminifers in the Eccene sediments of the southern Aral Sea region. Izv. vys. ucheb. zav.; geol. i razv. 4 no.4:130-131 Ap '61. (MIRA 14:6)

1. Soyuznaya geologo-poiskovaya kontora Glavgaza SSSR i Moskovskiy geologorazvedochnyy institut imeni S. Ordzhonikidze.

(Aral Sea region--Foraminifera, F)ssil)



\$/275/63/000/002/024/032

AUTHORS:

Topchubashov, M.A. and Memmedov, I.A.

TITLE:

Automatic quality control of oil products by ultra-

sonic method

PERIODICAL:

Referativnyy zhurnal, Elektronika i eye primeneniye, no. 2, 1963, 23, abstract 2V144 (Energetika inst. eserleri. AzerbSSR Elmler Akad., Tr. Energ. in-ta AS AzerbSSR, v. 15, 1962, 155-165 (Azerbaydzhani: summary in Rus.))

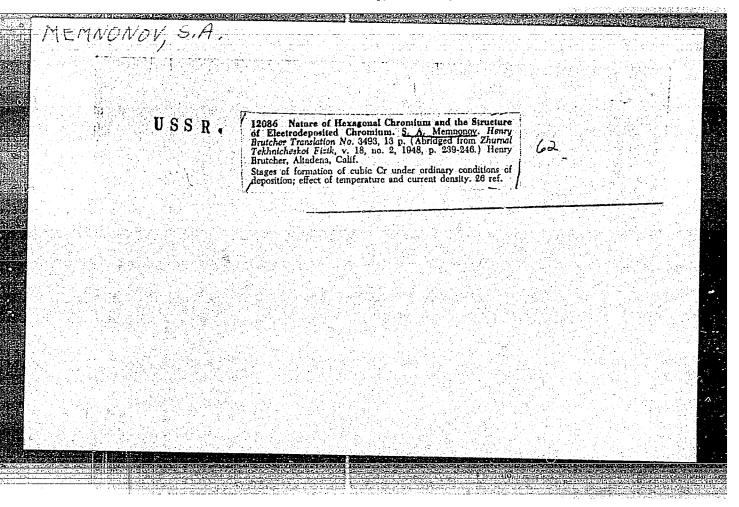
TEXT: The advantages of the ultrasonic quality control method of oil products are listed, viz.: 1) the possibility of continuous process-control; 2) high accuracy and speed; 3) no disruption of the engineering process. An ultrasonic generator circuit is proposed which excites a magnetostriction transducer. The frequencyresponse characteristics are given of the system as a whole, as well as of its various elements, that are necessary for the design of the control system. 6 references.

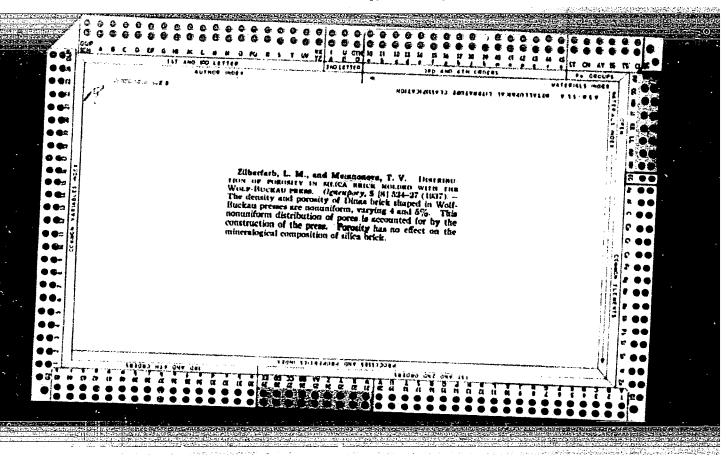
Abstracter's note: Complete translation 7

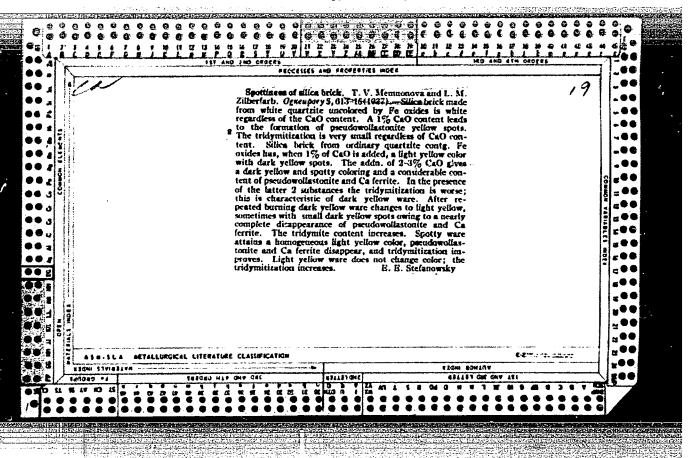
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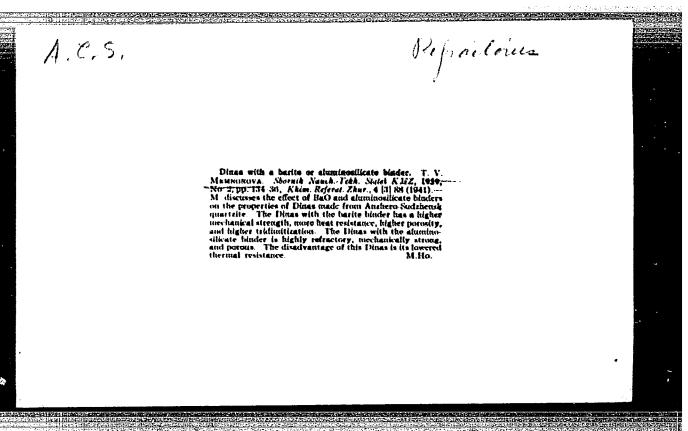
MEHMEDZADE, Yu. L., dotsent.

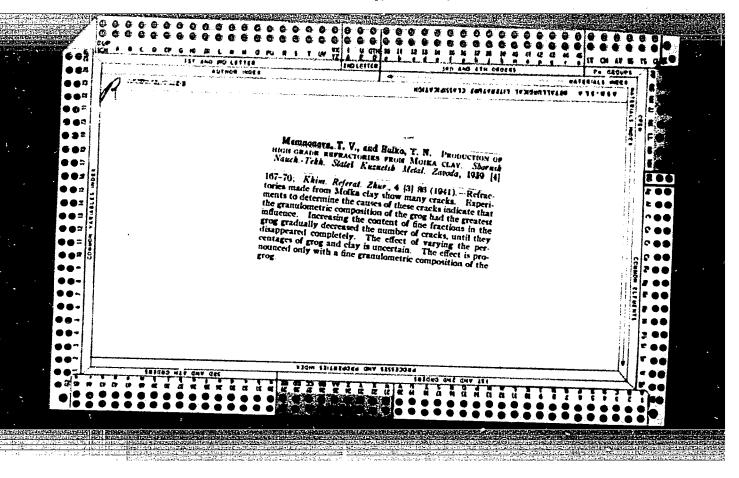
Technical terms used in hydraulic machinery [in Azerbaijani]. Trudy Azerb.ind.inst.no.8:131-136 '54. (MLRA 9:10) (Hydraulic machinery--Dictionaries)(Azerbaijani language--Glossaries. vocabularies, etc)

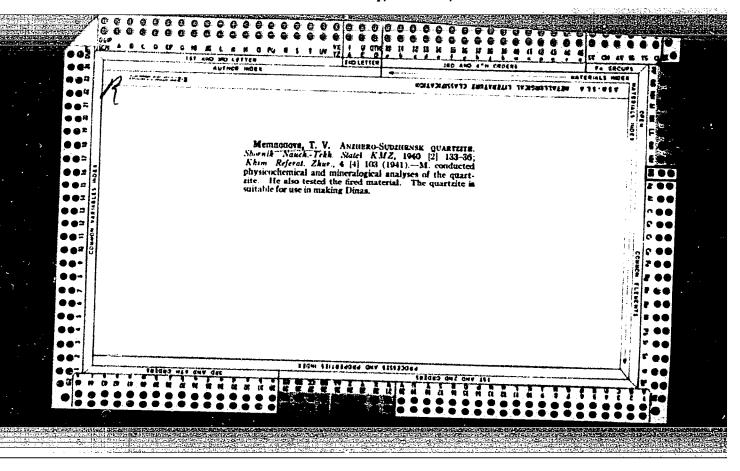


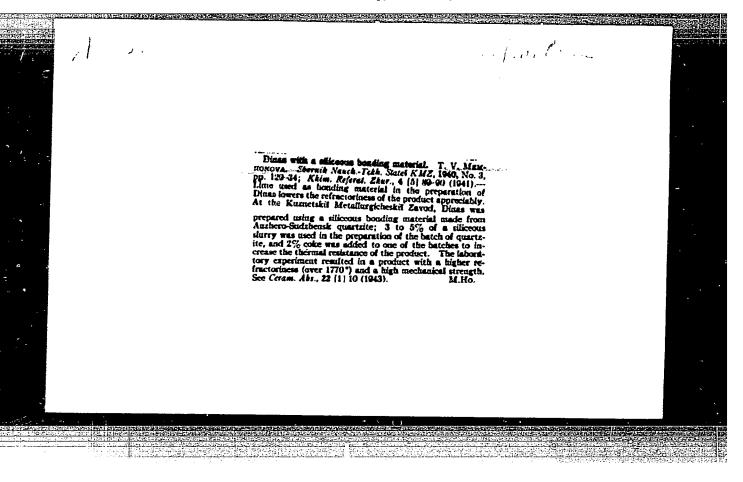












BENEDIKTOVA, N.B.; ZAMYATIN, S.R.; MEMNONOVA, T.V.; SOLOMONOV, Ye.F.

Manufacture of resin and dolomite firebrick and its testing in service. Ogneupory 27 no.4:151-155 '62. (MIRA 15:4)

1. Kuznetskiy metallurgicheskiy kombinat. (Firebrick)

MEMORSKIY, S.; POZHARITSKIY, M., starshiy inzhener

Compact felting out of industrial wastes. Prom.koop. 13 no.8;
22 Ag '59. (MIRA 12:12)

1. Hachal'nik otdela kozhevenno-obuvnoy promyshlennosti Rospromsoveta (for Memorskiy).

(Felt) (Industrial wastes)

MEMORSKIY, V.P., starshiy nauchnyy sotrudnik

Dermatovenereological aid in connection with the organization of health centers serving several districts. Vest.derm.i ven. 33 no.4:29-32 J1-Ag '59. (MIRA 12:11)

1. Iz Moskovskogo oblastnogo kozhno-venerologicheskogo dispansera (dir. - M.I. Razumov). (VENERRAL DISEASES, prevention & control) (SKIN DISEASES, prevention & control)

MEMORSKIY, V.P., starshiy nauchnyy sotrudnik; LYUOSEV, V.A., ordinator

Treatment of syphilis with bicillin-1 and bicillin-3. Vest.derm.
i ven. no.11:40-45 '61. (MIRA 14:11)

1. Iz kliniki kozhnykh i venericheskikh bolezney Moskovskogo oblastnogo nauchno-issledovatel†skogo klinicheskogo instituta (dir. - prof. B.Ya. Arutyunov).

(SYPHILIS) (BICILLIN—THERAPEUTIC USE)

STEPIEN. L.; BRYEZINSKI, J.; MEMPEL. E.; SREBRZYNSKA, J.

Disorders of dynamics of the higer nervous functions due to focal injury of the temporo - parieto - occipital contact area in the dominant cerebral hemisphere. Neurologia etc. polska 4 no.5:473-481 Sept-Oct 54.

(BRAIN, wound and injuries
higher nervous funct. in)
(CENTRAL NERVOUS SYSTEM, in various diseases
brain inj., higher nervous funct. in)
(WOUNDS AND INJURIES
brain inj., higher nervous funct. in)

AREND, Rodolf; SOKOLOWSKI, Stefan; MEMPEL, Eugeniusz

Umusual syndrome in a case of gigantic subdural hematona cured surgically. Neur. &c. polska 6 no.4:465-477 July-Aug 56.

1. Z Kliniki Neurologicznej Akademii Medycznej we Wrocławiu Kierownik: prof. dr. med. R. Arenk i z Oddzialu Neurochirurgii Nojskowego Szpitala Klinicznego w Lodzi Ordynator: dr. med.

S. Sokolowski.

(CEREBRAL HEMORRHAGE, manifest.

unusual manifest. in subdural hematoma cured surgically (Pol))

MEMPEL, Eugeniusz; SREBRZYNSKA, Jadwiga; ZARSKI, Stefan

Analysis of cases of mixed speech disorders appearing after injuries of the "posterior aphasic region". Rozpr.wydz.nauk med. 6 no.2:73-92

1. Z Zakladu Neurochirurgii Polskiej Akademii Nauk Kierownik: prof. dr med. Lucjan Stepien.

(BRAIN dis) (SEX SPEECH DISORDERS etiol)

MEMPEL, Eugeniusz; SREBRZYNSKA, Jadwiga; SUBCZYNSKI, Janusz; ZARSKI, Stefan

Compensation of speech disorders by the non-dominant hemisphere in adult age. Rozpr.wydz.nauk med. 6 no.2:109-128 61.

1. Z Zakladu Neurochirurgii Polskiej Akademii Nauk Kierownik: prof. dr med. Lucjan Steplen.

(SPEECH DISORDERS physiol) (BRAIN dis)

BRUTKOWSKI, S.; FONBERG, E.; MEMPEL, E.

Angry behavior in dogs following bilateral lesions in the genual portion of the rostral cingulate gyrus. Acta biol exper 21:199-205 161.

1. Department of Neurophysiology, Nencki Institute of Experimental Biology, Warsaw.

(DOGS) (BRAIN)

SOKOLOWSKI, Stefan; MEMPEL, Eugeniusz

Surgical therapy of cerebral echinococcosis. Report on 3 cases cured surgically. Neurologia etc., polska 12 no.3:365-377 '62.

1. Z Oddzialu Neurochirurgii Szpitala Klinicznego w Lodzi Ordynator Oddzialu: dr med. S. Sokolowski. (ECHINOCOCCOSIS) (BRAIN DISEASES)

BRUTKOWSKI, S.; FONBERG, E.; KREINER, J.; MEMPEL, E.; SYCHOWA, B.

Aphagia and adipsia in a dog with bilateral complete lesion of the amygdaloid complex. Acta biol. exp. 22 no.1:43-50 62.

1. Department of Neurophysiology, the Nencki Institute of Experimental Biology, Warsaw.

(GANGLIA BASAL physiol) (APPETITE physiol)
THIRST physiol)

FONBERG, E.; BRUTKOWSKI, S.; MEMPEL, E.

Defensive conditioned reflexes and neurotic motor reactions following amygdalectomy in dogs. Acta biol. exp. 22 no.1:51-57 '62.

1. Department of Neurophysiology, The Nencki Institute of Experimental Biology, Warsaw.

(GANGLIA BASAL physiol) (REFLEX CONDITIONED)

STEPIEN, Lucjan; MEMPEL, Eugeniusz

Hallucinations and illusions in temporal lobe epilepsy. Neurol. neurochir. psychiat. Pol. 15 no.3:385-389 Му-Је 165.

1. Z Kliniki Neurochirurgii AM w Warszewie i z Zakladu Neurochirurgii Polskej Akademii Nauk w Warszawie (Kierownik: prof. dr. med. L. Stepien).

STEPIEN, Lucjan; MEMPEL, Eugeniusz

An analysis of the results of surgical treatment in patition to with temporal lobe epilepsy. Neurol. neurochir. psychiat.

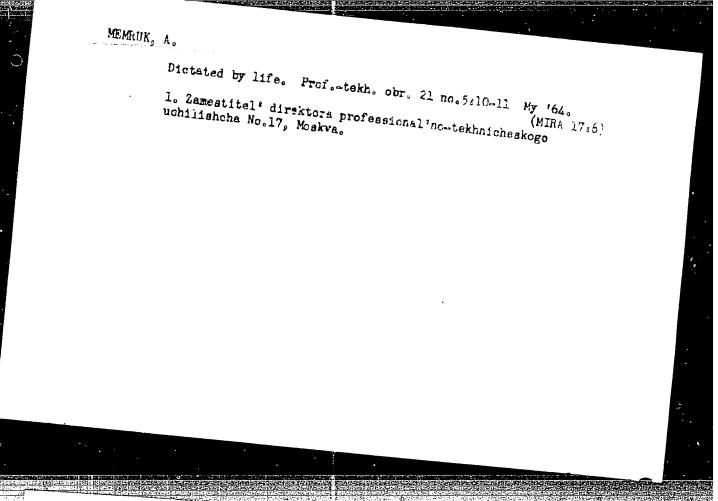
15 no.3:463-466 My-Je '65.

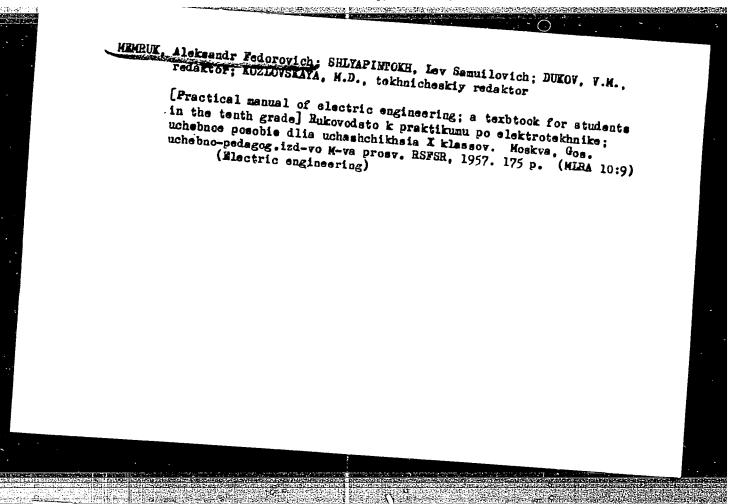
1. Z Kliniki Neurochirurgii AM w Warszawie (Kierownik: prof. dr. med. L. Stepien) i z Zakladu Neurochirurgii Polskej Akademii Nauk (Kierownik: prof. dr. med. L. Stepien).

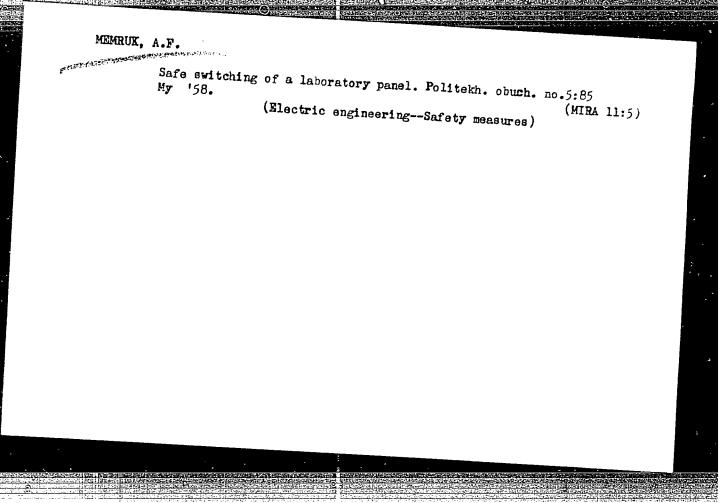
MEMPEL, Eugeniusz

Principal aspects of stereotaxic surgery of the brain. Pol. przegl. chir. 37 no.8:807-815 Ag '65.

1. Z Zakladu Neurochirurgii Polskiej Akademii Nauk (Kierownik: prof. dr. L. Steplen).

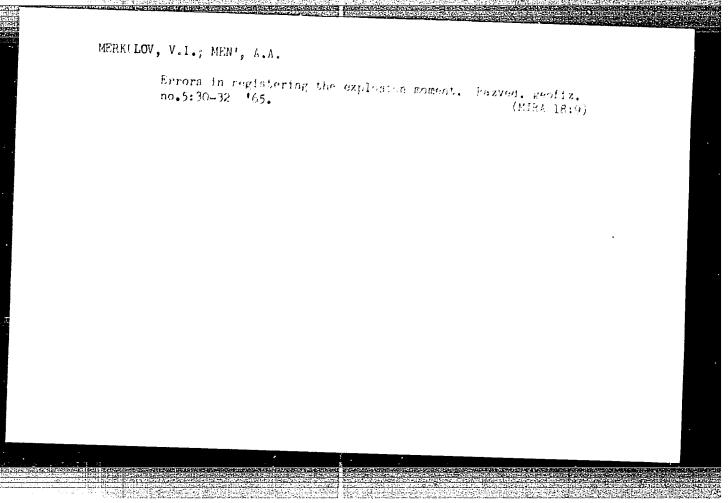






AL'PEROVICH, Arkadiy Il'ich; MEMRUK, A.F., nauchnyy red.; TELINGATER, L.A., red.; NESMYSLOVA, L.M., tekhn. red.

[Methodological manual for work training of tower-crane operators] Metodicheskoe posobie po proizvodstvennomu obucheniiu mashinistov bashennykh kranov. Moskva, Proftekhizdet, (Granes, derricks, etc.)



MEN', A.N.; ORLOV, A.N.; LEONTOVICH, M.A., akademik.

Spectrum of vibrational frequencies of the state of the

Spectrum of vibrational frequencies of the simplest model of an alloy being set in order. Dokl.AN SSSR 90 no.5:753-756 Je '53. (MLRA 6:5)

1. Institut fiziki metallov Ural'skogo filiala Akademii nauk SSR (for Men', Orlov). 2. Akademiya nauk SSSR (for Leontovich). (Vibration) (Alloys) (Spectrum analysis)

F-5

MEN. A.N

Category : USSR/Magnetism - Ferrites

Abs Jour : Ref Zhur - Fizika, No 1, 1957 No 1439

: Temperature Dependence of the Degree of Inversion of Mixed Ferrites : Men', A.M., Orlov, A.M. Author

Inst Orig Pub : Fiz. metallov i metallovedeniye, 1955, 1, No 3, 410-416

Abstract: Mixed ferrites having a composition AcB1-c0.Fe203 are examined. The free energy F of the spinel lattice is found as a function of the temperature T, of the concentration c, and of the degree of inversion ?. The dependence of N on T is obtained from the condition that F must be a minimum. For the case when the ion charges A and B are equal and only the A ions shift in the

octahadral sites, the following expression is obtained

where b₁ and b₂ are constants independent of \(\) and c. The range of possible values of N was studied as a function of the values of b2 and of |b2|/b1. A prediction is made that at low temperatures there may exist a metastable phase, which is inverse if the stable phase is not inverse, and vice verse. The

Card Ca

: 1/2

APRIONED RECEIPTANDEMENDS OF THE PROPERTY OF T

MEN', A. N.:

MEN', A. N.: "The statistical theory of the forces binding spinal-type crystals." Min Higher Education USSR. Ural State imeni A.M. Gor'kiy. Sverdlovsk, 1956. (DISSERTATION For the Degree of Candidate in PHYSI* COMATHEMATICLL SCIENCES.)

So: Knizhnaya letopis', No. 24, 1956

137-58-6-13091

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 6, p 272 (USSR)

AUTHORS. Men', A.N., Orlov, A.N.

TITLE: Calculation of the Cohesive Forces in Some Oxides of Trans-

ition Metals (Raschet sil svyazi v nekotoryka okislaka pere-

khodnykh metallov)

PERIODICAL: V sb.: Issled. po zharoprochn. splavam. Vol 2. Moscow, AN

SSSR, 1957, pp 44-51

ABSTRACT: The cohesive energy (CE) of a crystal was determined by

the use of the statistical theory of electron gas. The Thomas-Fermi equation was set up with due account for the energy exchange of the electrons. It is taken into consideration that the numbers of electrons with right and left rotation are not equal, and either variety is examined separately. A system was developed for the solution of the Thomas-Fermi equation, without accounting for the exchange, by expansion into series. The simplest version of the theory was applied to determine the CE of oxides of transition metals with spinel structure. An ex-

pression for the period of crystal lattice, ao, was developed

Card 1/2 from the condition of minimum CE. Experimental data show

137-58-6-13091

Calculation of the Cohesive Forces in Some Oxides of Transition Metals

that an increase in concentration of atoms with high atomic number leads to a decrease in ao. An equation is adduced for the degree of conversion, \(\lambda\), applicable to some types of spinels. The temperature dependencies of λ calculated for certain values of the constants correspond to the experimental values. Concurrence is received therein for values of constants that correspond to not purely ionic cohesive forces.

l Crystals--Energy 2. Crystals--Lattices 4. Thomas-Fernic equation-Applications 5. Metal oxides--Properties

Card 2/2

1 1 1 Elv , F. 19

AUTHOR: Men', A. N.

126-3-25/34

TITLE: Influence of the changes in the equilibrium degree of inversion with temperature on the thermal capacity of a spinel. (Vliyaniye izmeneniya ravnovesnoy stepeni obrashchennosti s temperaturoy na teployemkost' shpineley).

PERIODICAL: "Fizika Metallov i Metallovedeniye" (Physics of Metals and Metallurgy), 1957, Vol.4, No.3, pp. 544-545 (U.S.S.R.)

ABSTRACT: The degree of inversion λ is defined as the extent of distribution of type A-atoms of a binary AB alloy along the The author considers the oscillations in a- and b-nodes. a simple model of an ordering solid solution, a linear chain. Knowledge of the maximum frequency ω_m of this chain permits certain conclusions on the characteristic of the heat capacity, assuming that a similar dependence for ω_m is also valid in a three-dimensional lattice. The structure of the investigated mixed oxides, in which the ions of various types can interchange their location in the lattice, is in many respects similar to the structure of ordering metallic alloys where analogous rearrangements of Since oxygen ions do not particithe ions can take place. pate in these movements they need not be considered in Cerd 1/5 investigating some properties of the spinel lattice. In this

126-3-25/34

Influence of the changes in the equilibrium degree of inversion with temperature on the thermal capacity of a spinel. (Cont.)

case the theory of ordering alloys is applicable to such a lattice. However, it is necessary to consider that between the degree of the distant order η (expressing to what extent the a-nodes are occupied by A-atoms and the b-nodes are occupied by B-atoms of a binary AB alloy) and the degree of inversion λ (which is a measure of the distribution of the type A-atoms along the a- and b-nodes) the following relation is valid:

$$\lambda = (1 - c) (1 - \eta),$$

where c (\$\notin 1\$) is the concentration of the type A-atoms. The existence of this relation is utilised for investigating the oscillations of the linear model of the mixed spinel lattice. The example of a unidimensional chain permits elucidation of a number of relations which are characteristic for a three-dimensional crystal. In an earlier paper (Dokl. Ak. Nauk, 1953, Vol.90, p.753), the linear chain was considered consisting of atoms of two types, which interact elastically, distributed along the nodes of a chain with any degree of the distant order \$\epsilon\$ and any arbitrary concentration c. It is shown that for known approximations such a chain can be

Card 2/5

126-3-25/34

Influence of the changes in the equilibrium degree of inversion with temperature on the thermal capacity of a spinel. (Cont.)

considered as an ordered one consisting of real atoms. Applying this method to a chain in which the atoms of the mass M (oxygen) are located on the spot and the (metal) atoms with the masses m_1 and m_2 are distributed along the nodes of the chain with any arbitrary degree of inversion λ and any concentration c, it is possible to derive the relation for the maximum frequency of the degree of inversion which is expressed by eq.(2), p.545. According to Seitz, F. (2) and Fermi, E. (3) the heat capacity of a unidimensional model can, in the general case, be approximately represented by a sum of two components: / hwo

Card 3/5

+ 2Nk f_E $C_{V} = 2NkD$

where D is a Debay function, f_E is the Einstein function. The first term of this equation describes in the framework of the theory of the continuum, the heat capacity due to low frequency oscillations, whilst the second expresses the relations with optical oscillations which are characterised by the frequency ω_0 . Improving the theory by taking into

126-3-25/34

Influence of the changes in the equilibrium degree of inversion with temperature on the thermal capacity of a spinel. (Cont.)

consideration numerous optical frequencies is not justified in view of the fact that the above equation represents only a very rough approximation. By making the maximum frequency, determined according to eq.(2), p.545, identical with the Einstein and the Debay ones and considering the relation $\omega_{m}(\lambda)$, it is possible to elucidate within the framework of the assumed model the distribution of the ions in the chain on the heat capacity. According to earlier work of the author (same journal, 1955, Vol.1, p.410) the equilibrium degree of inversion entered in eq.(2) depends on the temperature and, therefore, it can be anticipated that for some spinels there will be deviations ΔC_v in the temperature characteristic of the heat capacity from that predicted by the eq.(2) for ω_{max} = const. For an equal dependence of the maximum frequency on the degree of inversion the normal and the inverted spinels have deflections of equal sign but at differing temperatures. The here obtained predictions on the deviations of the heat capacity could not be detected in principle in the only ferrite which, according to the knowledge of the author, has so far been investigated experimentally, i.e. the non-ferromagnetic

Card 4/5